

Programme:

Time	Session	Presenter	Presentation Title
08:00 – 08:20		all	setup
08:20 – 08:30		Dr. Femke Reitsma	welcome
08:30 – 08:40	Spatial Cognition	Marco Ragni Albert Ludwigs Universitat	Preferences and Complexity - An analysis of cognitive and computational complexity in spatial cognition
08:40 – 08:50		Holger Schultheis University of Bremen	Modelling Cognitive Control in Mental Spatial Knowledge Processing
08:50 – 09:00		Gaurav Sinha SUNY Buffalo	Natural Language Based Extraction of Topographic Features from Digital Terrain Databases
09:00 – 09:10	Processes, Events, and Spatio-Temporal Things	Mehul Bhatt La Trobe University	Qualitative Simulation - Towards a Situation Calculus Based Unifying Semantics for Space, Time and Actions
09:10 – 09:20		Byoungjae Lee SUNY Buffalo	Capturing the Qualitative Spatial Behaviors of Point Objects with Spatially Extended Topology
09:20 – 09:30		Inga Mau University of Melbourne	Spatio-temporal Data Modelling in Vegetation Monitoring
09:30 – 09:40	Geosemantics	Ilyong Hong SUNY Buffalo	Representing Community Wayfinding on Semantic Web
09:40 – 09:50		Angela Schwing University of Muenster	Semantic Information Retrieval of Geo-Data
09:50 – 10:00	Wayfinding	Eva Grum Technical University of Vienna	The Least Risk Path
10:00 – 10:10		Matt MacMahon University of Texas	A Framework for Understanding Verbal Route Instructions
10:10 – 10:40			Coffee break
10:40 – 11:10		Matt Duckham	PhD to research Arsenal
11:10 – 11:40		Werner Kuhn	The academic career – plan or accident

11:40 – 11:50	Data Modelling	Patrick Browne Dublin Institute of Technology	Using the Theory of Institutions for Topographic Knowledge Representation
11:50 – 12:00		Laercio Namikawa SUNY Buffalo	Multiple Representations of Elevation for Dynamic Process Modelling
12:00 – 12:10	Human Computer Interaction	Claudia Achatschitz Technical University of Vienna	Decision Relevant Spatial Information Retrieval
12:10 – 12:20		Maria Harrington University of Pittsburgh	Virtual Beechwood: Simulated Ecological Environments for Education
12:20 – 12:30		Hongmei Wang Pennsylvania State University	A Collaborative Dialogue Approach for Handling Vagueness of Spatial Concepts in Human-GIS Communication